BCT1000 | 8K HD camera tester
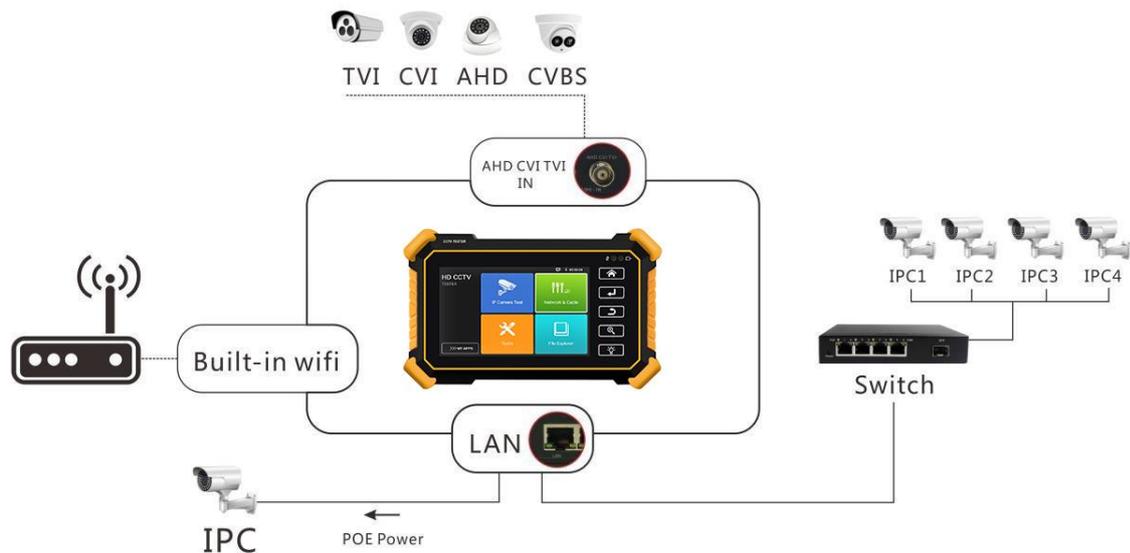
4 inch ALL IN ONE CCTV Tester

● 4 inch IPS touch screen, 960 x 640 resolution

● H.265/H.264, 8K video display via mainstream

● 8MP CVI/ TVI/ AHD camera test

● Auto HD, auto recognize HD coax camera type and resolution

● Analogue camera test, PAL/NTSC auto adapt

● DC12V 3A, 48V PoE 25.5W power output

● Rapid ONVIF, modify IP address

● High brightness LED light

● UTP cable test, detect the near-end, mid-end and far-end fault point
of the RJ45 cable plug

Application

The 4 inches IPS touch screen hybrid camera tester is designed for maintenance and installation of IP, analogue, HD coaxial cameras as well as other security equipment. The 800*480 resolution enables it to display network HD cameras and analogue cameras in high resolution. The unit supports many ONVIF PTZ and analogue PTZ control, and cable test functions. CCTV installers often need to carry a variety of testing tools to complete their work. If take the all-in-one BCT1000 camera tester, making working conditions safer and increasing productivity.

- CCTV system installation and maintenance
- Network cabling project installation and maintenance
- Camera, IP, TVI, CVI, AHD, 4K H.265 camera testing
- Video transmission channel testing
- PTZ controller

Features

Camera test:

- 4 inch IPS touch screen, 960*640 resolution

- H.265 & H .264 IP, 8K video display via mainstream

- Analogue camera test, PAL/NTSC auto adapt***(Optional)**

- 8MP TVI test, 3840 x 2160P 12.5/15 FPS, 4xzoom, video record & playback, coaxial PTZ control & call OSD menu***(Optional)**

- 8MP AHD test, 3840 x 2160P 15 FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu***(Optional)**

- 8MP CVI test, 3840 x 2160P 12.5/15FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu***(Optional)**

- Auto HD app, auto recognize HD coax camera type and resolution, support snapshot, video record & playback, coaxial PTZ & call OSD menu.

- Rapid ONVIF, Auto log in and display image, create testing report

- IPC test pro, auto scan all network segments IP, auto open PoE power and display the power. Input username and password, can scan camera image, can batch activate HIKVISION and Dahua cameras. Jump to ONVIF interface and test tools.

- AXIS, Hikvision camera test, enter ONVIF app, input username and password to test

- HIKVISION test tool, support batch activate HIKVISION cameras and modify IP address, modify password etc. Self-defined modify channel name, can quickly change H.264 and H.265 video, open wide dynamic mode. Factory restore, etc. Support reset password and set video occlusion alarm of HIKVISION cameras.

- Dahua test tool, support batch activate DAHUA cameras and modify IP address, user name and password. Self-defined modify channel name.

- IP and analogue display image at the same time

- IPC TEST (Non-ONVIF test), HIK test tool (Hikvision camera), DH test tool (Dahua camera)

- DC12V/3A power output, camera can be powered from DC 12 Voltage.

- Rapid video, just by one key to detect all network cameras and auto display

- Built in Wi-Fi, display image from the wireless camera, create WIFI hotspot

Cable test:

- Improvement cable tester, UTP cable, telephone cable etc. order and connectivity test, can save testing report, if special number, need customized.

Can detect the near-end, mid-end and far-end fault point of the RJ45 cable plug

● Digital Cable tracer, search BNC cable, network cable and telephone cable from the mess cables. Cable search and UTP cable can test at the same time

*(Optional)

Other Functions:

● Network tool: Ping, IP scan, Port Flash, DHCP server, Trace Route

● Tester Play: Tester, Android version mobile phone and PC display at the same time

● Traffic monitoring, display network port or WIFI connection real-time upload and download speeds and other network parameters

● Customers self-update software, you can install apps with android version (not available for BCT1000)

● Media player, 4K video files and MKV/MP4 media files play

● SD card slot, support up to 32G, to save video, picture and other files

● Display its genuine resolution of the IP camera images

● Audio in, support record and save the audio/LED lamp, calculators, music players and other application tools

● 7.4 V / 2600mAh Lithium Ion Battery, after 3-4 hours charging, working time lasts 9 hours

Specification

LCD	Item series	BCT1000 All-in-One CCTV Tester	
	Display	New 4 inch IPS touch screen, 960*640 resolution	
Video Mode	**CVBS**	1 channel BNC input, NTSC/PAL (Auto adapt) ***(Optional)**	
		PTZ control, RS485 control, Baud 600-115200bps, compatible with more than 30 protocols such as PELCO-D/P, Samsung, Panasonic & etc.	
	IP camera test 8K/H.265/H.264	IP Discovery/Quick ONVIF/IPC test /RTSP play /Client APK	
		Rapid Video	Auto view the video, create testing report
		HIKVISION test tool	Support batch activate HIKVISION cameras and modify IP address, modify password etc. Self-defined modify channel name, can quickly change H.264 and H.265 video, open wide dynamic mode. Factory restore, etc. Support reset password and set video occlusion alarm of HIKVISION cameras.
		DAHUA test tool	Support batch activate DAHUA cameras and modify IP address, username and password. Self-defined modify channel name.
	HD Coaxial test	8MP TVI camera test, 3840 x 2160P 12.5/15 FPS, UTC control/ call OSD menu*(Optional)	
		8MP CVI camera test, 3840 x 2160P 12.5/15 FPS, UTC control / call OSD menu*(Optional)	
		8MP AHD test, 3840 x 2160P 15FPS, UTC control / call OSD menu*(Optional)	
		Auto HD app, auto recognize HD coax camera type and resolution, support snapshot, video record& playback, coaxial PTZ & call OSD menu*(Optional)	
	Zoom Image	4x zoom, to enlarge image, Screen snapshot, record, save, view and record and play back	
	12V/3A power	Output: DC12V/3A power out, supply temporarily power for the camera	
	PoE power output	48V PoE power output, max power 25.5W	
Cable test	**Digital Cable tracer ***	Search BNC cable, network cable and telephone cable from the mess cables. Cable search and UTP cable can test at the same time ***(Optional)**	
	UTP cable test	Test UTP cable connection status and display on the screen. Can detect the near-end, mid-end and	

	far-end fault point of the RJ45 cable plug.
Tester Play	Screen projection: Tester, mobile phone and PC display at the same time
Network test	Trace route, Link monitor, DHCP server, port flashing, Ping test
Wi-Fi	Built in WIFI, speeds 150M, display wireless camera image
Audio test	1 channel audio signal input, test whether sound normal.
Power management	Display DC 12V input & output voltage and power in real time
Data monitor	Captures and analyzes the command data from controlling device, also can send hexadecimal
External power supply	DC 12V 1A
Battery	Built-in Lithium ion battery 7.4 V / 2600mAh
Rechargeable	After charging 3-4 hours, normal working time 9 hours
Operation setting	OSD menu, select your desired language: English, Portuguese, Korean, Russian, Italian, French, Polish, Spanish, Japanese, Turkish, Deutsch, Serbian, Czech, Vietnamese etc.
Auto off	1-30 (mins)
Working Temperature	-10℃ ~ +50℃
Working Humidity	30% - 90%
Dimension/Weight	160mm x 100mm x 45mm / 0.36kg

Note: "*" sign mean functions are customizable

The data above is only for reference and any change of them will not be informed in advance. For more detailed technical inquiries, please feel free to contact us at support@belco.com.my

Comparison Table

Features/ Model	BCT100	BCT101	BCT1000	BCT2000
8K H.265 IP camera test	√	√	√	√
8MP CVI camera test	X	X	√	√
8MP TVI camera test	X	X	√	√
8MP AHD camera test	X	X	√	√
Analog camera test	X	X	√	√
Digital cable tracer	X	√	X	√

Packing kits

1) Tester

2) Network cable tester

3) Adaptor DC12V 1A

4) Lithium Ion battery (7.4 V / 2600mAh)

5) Tool bag / DC Power cable/BNC cable/ RS485 cable/ Audio cable/ Safety cord

6) Wrist belt

7) Manual